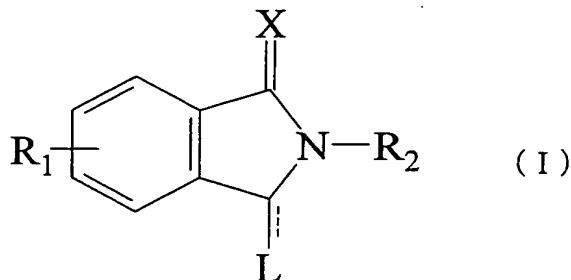


## CLAIMS

1. A compound represented by formula (I):



wherein R<sub>1</sub>s are the same or different 1-3 groups, each  
 5 of them is selected from the group consisting of C1-3 alkyl  
 and C1-3 alkoxy; or when R<sub>1</sub>s are two adjacent groups, the  
 two R<sub>1</sub>s taken together may form a saturated or unsaturated  
 5- or 6- membered cyclic group which may have 1 or 2 hetero  
 atoms selected from the group consisting of sulfur,  
 10 nitrogen and oxygen:

X is oxygen or sulfur:

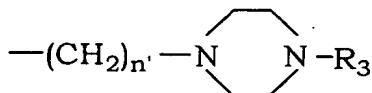
R<sub>2</sub> is selected from the group consisting of phenyl,  
 benzyl, pyridyl, pyridylmethyl, pyrimidinyl, cyclohexyl,  
 methylpiperazinyl, indanyl and naphthyl, all of which may  
 15 optionally be substituted; provided that when R<sub>2</sub> is phenyl,  
 the 3- and 4- positions of the phenyl moiety are not  
 substituted by alkoxy groups at the same time:

— represents a single bond or double bond: and

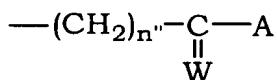
L is

20 —(CH<sub>2</sub>)<sub>n</sub>—H

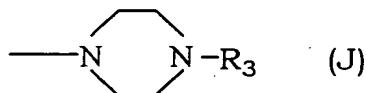
wherein n is an integer of 1-8;



wherein  $\text{R}_3$  is selected from the group consisting of hydrogen, linear or branched C1-8 alkyl, C1-3 alkyl substituted by at least one fluorine atoms, cyclopentyl, cyclohexyl, cycloheptyl, cyclohexylmethyl, benzyl, 2-pyridyl and 2-pyrimidinyl groups,  $n'$  is an integer of 1-3;



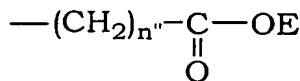
wherein W is oxygen or sulfur atom, A is selected from the group consisting of linear or branched C1-5 alkyl, 2-dimethylaminoethylamino, 2-thiazolylamino, 4-methylhomopiperazinyl, 4-piperidinopiperidino, dimethylaminoanilino, pyridylamino, piperidino, 4-ethoxycarbonyl piperidino, 4-carboxypiperidino and a group represented by formula (J)



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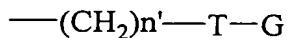
wherein  $\text{R}_3$  is as defined above,

$n''$  is an integer of 0-3;

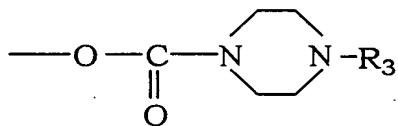


wherein E is selected from the group consisting of hydrogen, linear or branched C1-6 alkyl or alkenyl, C1-3 alkyl substituted by at least one fluorine atoms, 2-methoxyethyl,

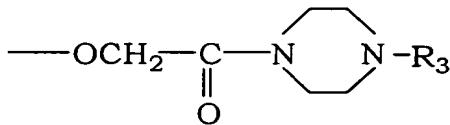
2-methylthioethyl, 2-dimethylaminoethyl, phenyl, pyridyl, benzyl, pyridylmethyl, cyclopentyl, cyclohexyl, tetrahydro-2H-pyranyl, cyclohexylmethyl, 1-methyl-4-piperidyl, indanyl, 1,3-benzodioxolyl and 1H-indolyl, wherein phenyl and pyridyl may optionally be substituted by the group consisting of halogen, methyl, methoxy, isopropyl and allyl, provided that when R<sub>1</sub> is 7-methoxy and R<sub>2</sub> is phenyl, E is not alkyl, n" is an integer of 0-3;



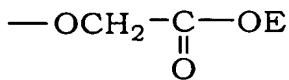
wherein T is oxygen, sulfur or NH, G is selected from the group consisting of hydrogen, linear or branched C1-5 alkyl, C1-3 alkyl substituted by at least one fluorine atoms, 2-methoxyethyl and alkylcarbonyl, n' is an integer of 1-3;



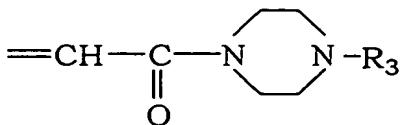
wherein R<sub>3</sub> is as defined above;



wherein R<sub>3</sub> is as defined above;

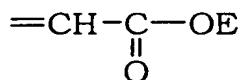


wherein E is as defined above;



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wherein R<sub>3</sub> is as defined above; or

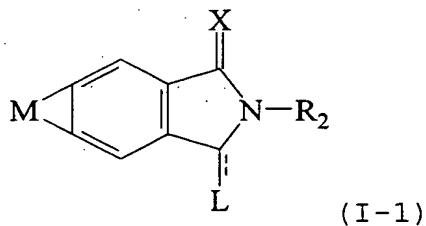


wherein E is as defined above  
or a salt thereof.

2. The compound of Claim 1, wherein R<sub>1</sub>s are two groups  
5 and selected from the group consisting of methyl, ethyl and  
methoxy.

3. The compound of Claim 2, wherein R<sub>1</sub> is 5,6-dimethyl.

4. The compound of Claim 1, which is represented by  
formula (I-1):



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wherein M represents together with the isoindoline structure a saturated or unsaturated 5- or 6-membered cyclic group which may optionally have 1 or 2 hetero atoms selected from the group consisting of sulfur, nitrogen and  
15 oxygen;

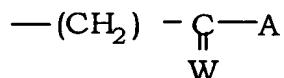
X, R<sub>2</sub> and L are as defined in Claim 1  
or a salt thereof.

5. The compound of Claim 4, wherein M is selected from  
the group consisting of  
20 -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-  
-CH<sub>2</sub>OCH<sub>2</sub>- and

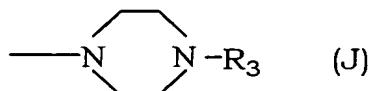
-OCH<sub>2</sub>O-.

6. The compound of any one of Claims 1-5, wherein R<sub>2</sub> is an optionally substituted phenyl or an optionally substituted pyridyl.

5 7. The compound of any one of Claims 1-6, wherein L is

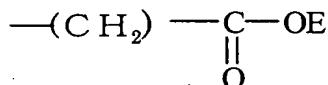


wherein W is oxygen, A is selected from the group consisting of linear or branched C1-5 alkyl and a group of formula (J):



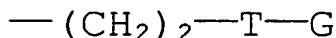
wherein R<sub>3</sub> is methyl or isopropyl.

8. The compound of any one of Claims 1-6 wherein L is



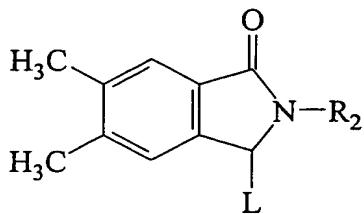
wherein E is selected from the group consisting of propyl, 15 isobutyl and phenyl substituted by at least one of methyl and/or methoxy.

9. The compound of any one of Claims 1-6, wherein L is



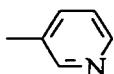
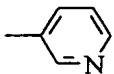
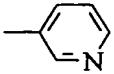
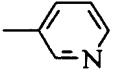
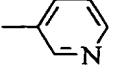
wherein T is oxygen or sulfur, G is ethyl or propyl.

20 10. The compound of Claim 1, which is represented by the formula:



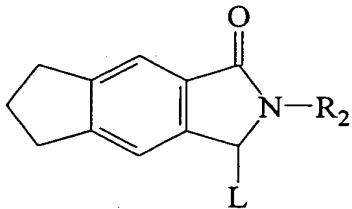
wherein R<sub>2</sub> and L are selected from the following combinations:

R <sub>2</sub>	L
	$\text{CH}_2\text{C}(\text{O})\text{-N}(\text{C}_2\text{H}_4\text{N})\text{CH}_3$

R <sub>2</sub>	L
	CH <sub>2</sub> C(=O)-OCH <sub>2</sub> CH <sub>2</sub> CH <sub>3</sub>
	CH <sub>2</sub> C(=O)-OCH <sub>2</sub> CH(CH <sub>3</sub> ) <sub>2</sub>
	CH <sub>2</sub> CH <sub>2</sub> OCH <sub>2</sub> CH <sub>3</sub>
	CH <sub>2</sub> CH <sub>2</sub> OCH <sub>2</sub> CH <sub>2</sub> CH <sub>3</sub>
	CH <sub>2</sub> C(=O)-N(cyclohexyl)N(cyclohexyl)

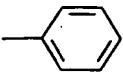
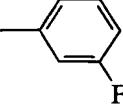
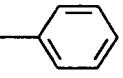
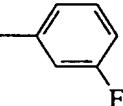
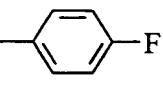
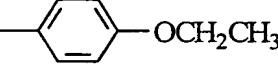
or a pharmaceutically acceptable salt thereof.

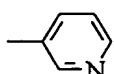
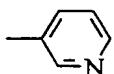
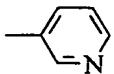
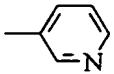
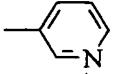
11. The compound of Claim 1, which is represented by the formula:



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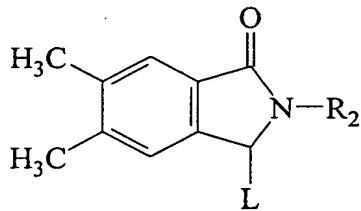
wherein R<sub>2</sub> and L are selected from the following combinations:

R <sub>2</sub>	L
	$\text{CH}_2\text{C}=\text{N}\text{---}\text{C}_4\text{H}_9\text{---N---CH}_3$
	$\text{CH}_2\text{C}=\text{N}\text{---}\text{C}_4\text{H}_9\text{---N---CH}_3$
	$\text{CH}_2\text{C}=\text{N}\text{---}\text{C}_4\text{H}_9\text{---N---CH}_3$
	$\text{CH}_2\text{C}=\text{N}\text{---}\text{C}_4\text{H}_9\text{---N---CH}_3$
	$\text{CH}_2\text{C}=\text{N}\text{---}\text{C}_4\text{H}_9\text{---N---CH}_3$
	$\text{CH}_2\text{C}=\text{N}\text{---}\text{C}_4\text{H}_9\text{---N---CH}_3$
	$\text{CH}_2\text{C}=\text{N}\text{---}\text{C}_4\text{H}_9\text{---N---CH}_3$

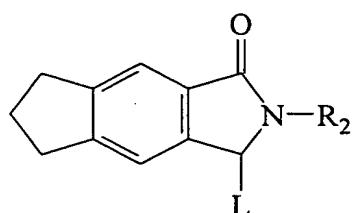
R <sub>2</sub>	L
	CH <sub>2</sub> C(=O)-OCH <sub>2</sub> CH <sub>2</sub> CH <sub>3</sub>
	CH <sub>2</sub> C(=O)-OCH <sub>2</sub> CH(CH <sub>3</sub> ) <sub>2</sub>
	CH <sub>2</sub> CH <sub>2</sub> OCH <sub>2</sub> CH <sub>3</sub>
	CH <sub>2</sub> CH <sub>2</sub> OCH <sub>2</sub> CH <sub>2</sub> CH <sub>3</sub>
	CH <sub>2</sub> C(=O)-N(cyclohexyl)N(cyclohexyl)cyclohexyl

or a pharmaceutically acceptable salt thereof.

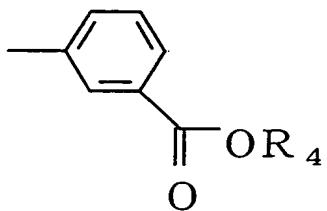
12. The compound of Claim 1 wherein represented by the formula



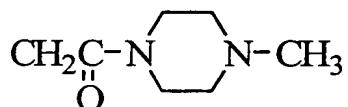
or



wherein R<sub>2</sub> is



wherein R<sub>4</sub> is selected from the group consisting of C1-5 alkyl, optionally substituted phenyl and optionally substituted benzyl, and L is



5

13. An anesthetic composition for inducing sedative effect and anesthesia in a mammal, comprising an anesthetic effective amount of the compound of any one of Claims 1-12 and a pharmaceutically acceptable carrier.

10 14. The composition of Claim 13, which is for intravenous injection.

15 15. Use of a compound of any one of Claims 1-12 for manufacturing a pharmaceutical composition for inducing sedative effect and anesthesia in a mammal.

16. A method for inducing sedative effect and anesthesia in a mammal, comprising the step of administering an anesthetic effective amount of the compound of any one of Claims 1-12 to the subject in need of anesthesia.